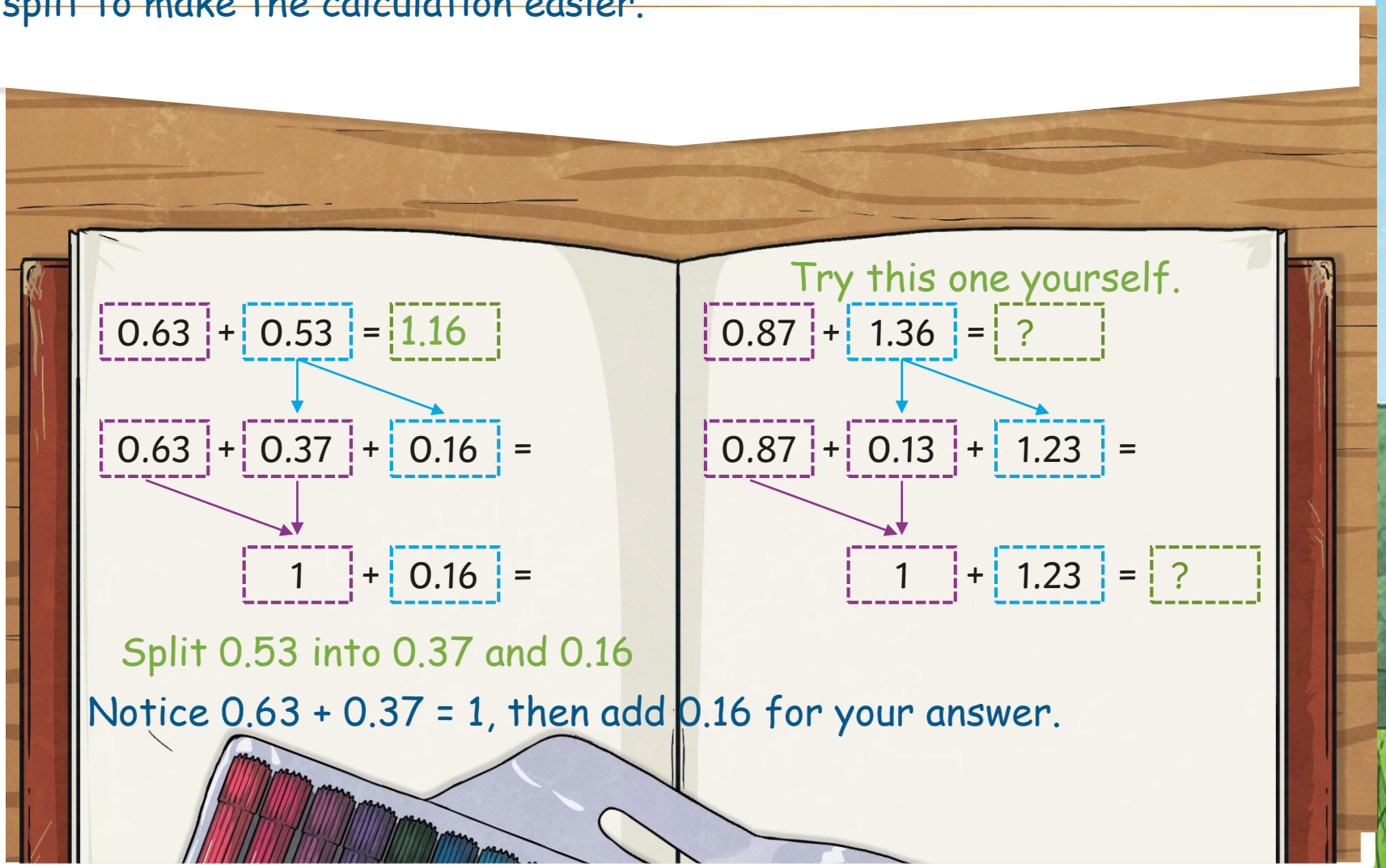
WALT add decimals when crossing wholes.

WILF:

- Use your place value columns to help you
- Count carefully
- Add numbers with up to three decimal places.

We can use partitioning (splitting numbers into their parts) to help us with adding these numbers. Follow the arrows to see how the numbers can be split to make the calculation easier.



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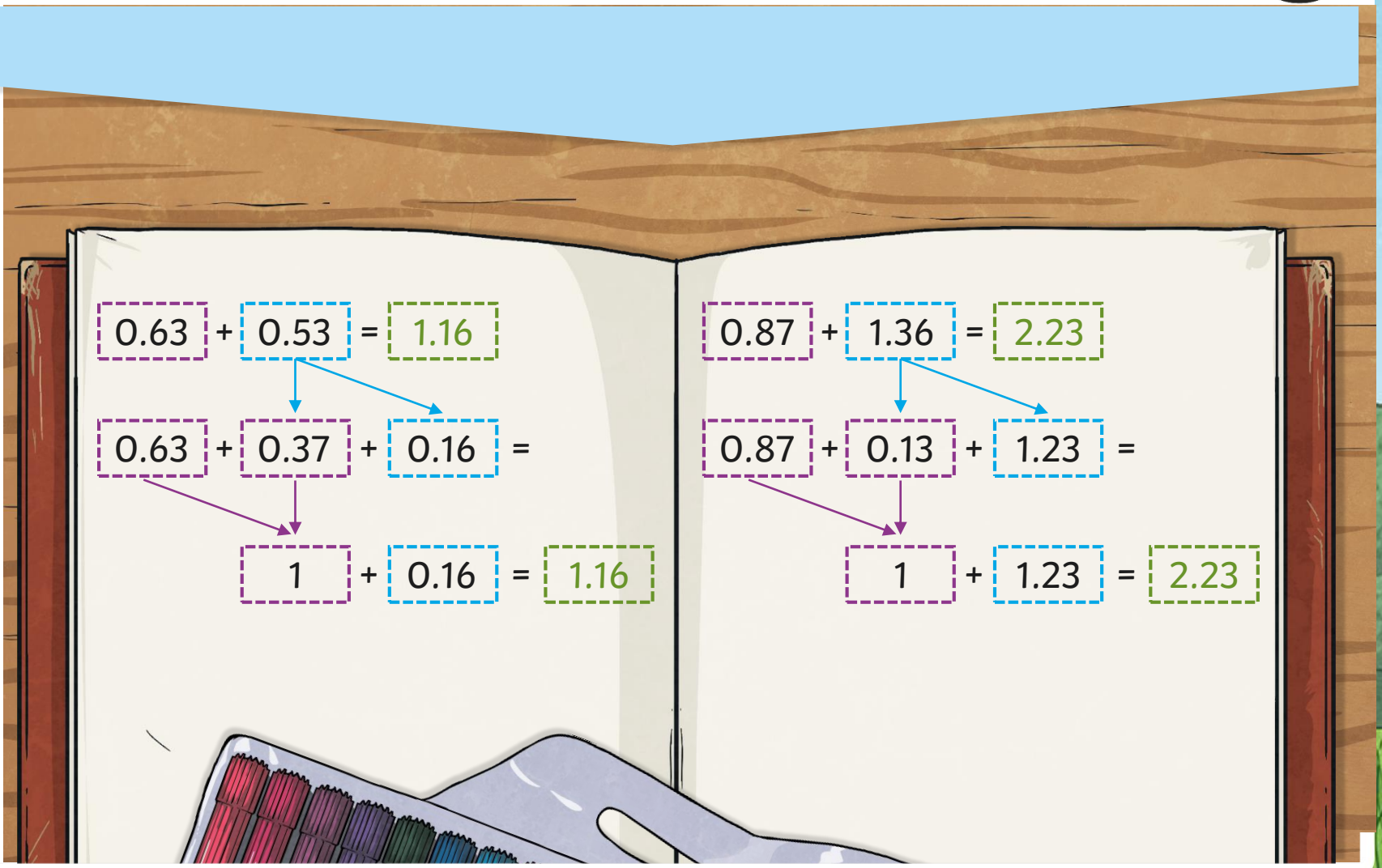
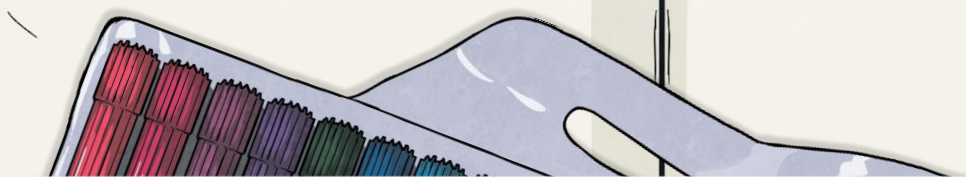


We can also use the column method, as before when they were under 0.

Try this one yourself! Don't forget to use 0 as a place holder.

	0 .	4	6	5
+	0 .	5	7	8
	1 .	0	4	3
		1	1	1

	0 .	5	9	
+	0 .	8	2	9
	.			



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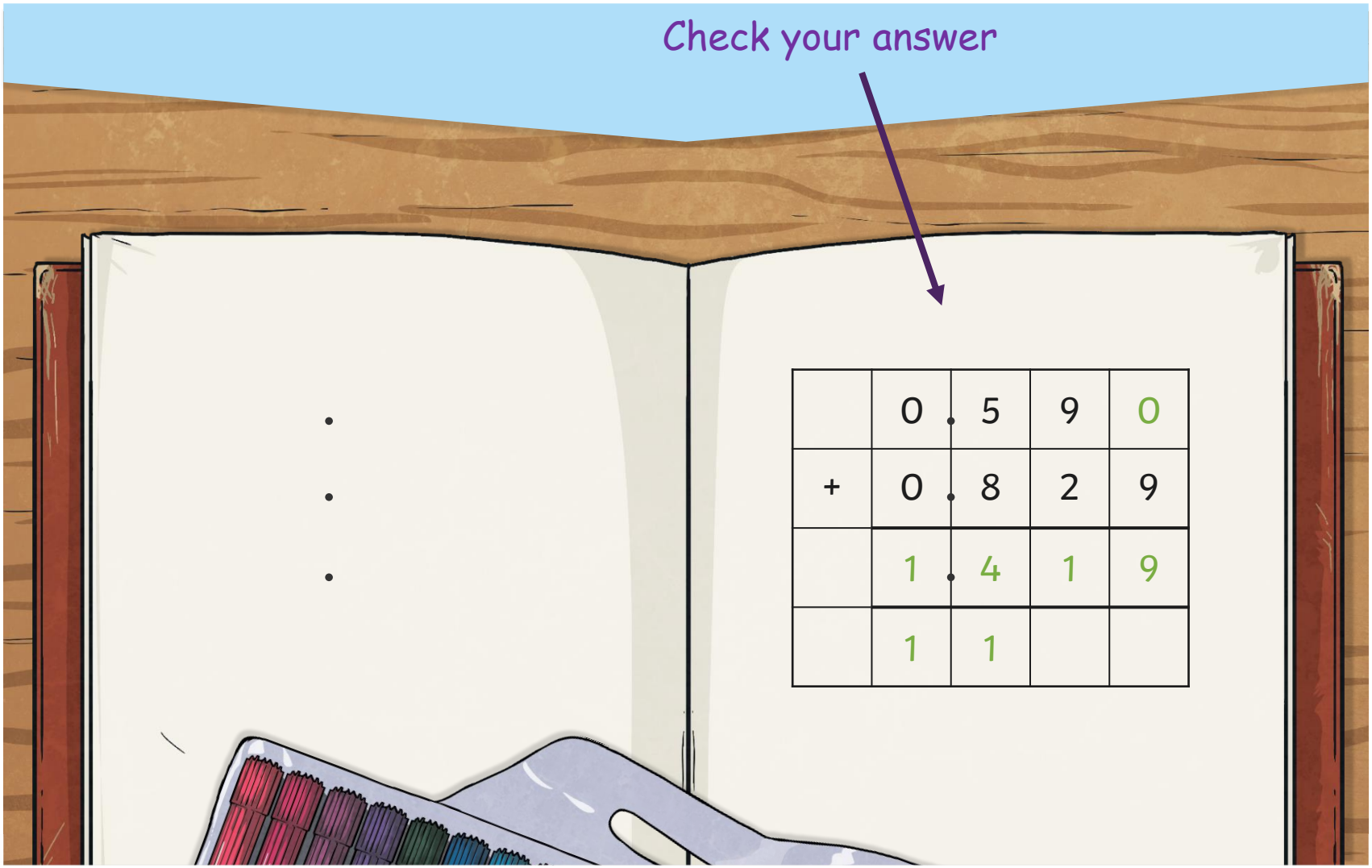
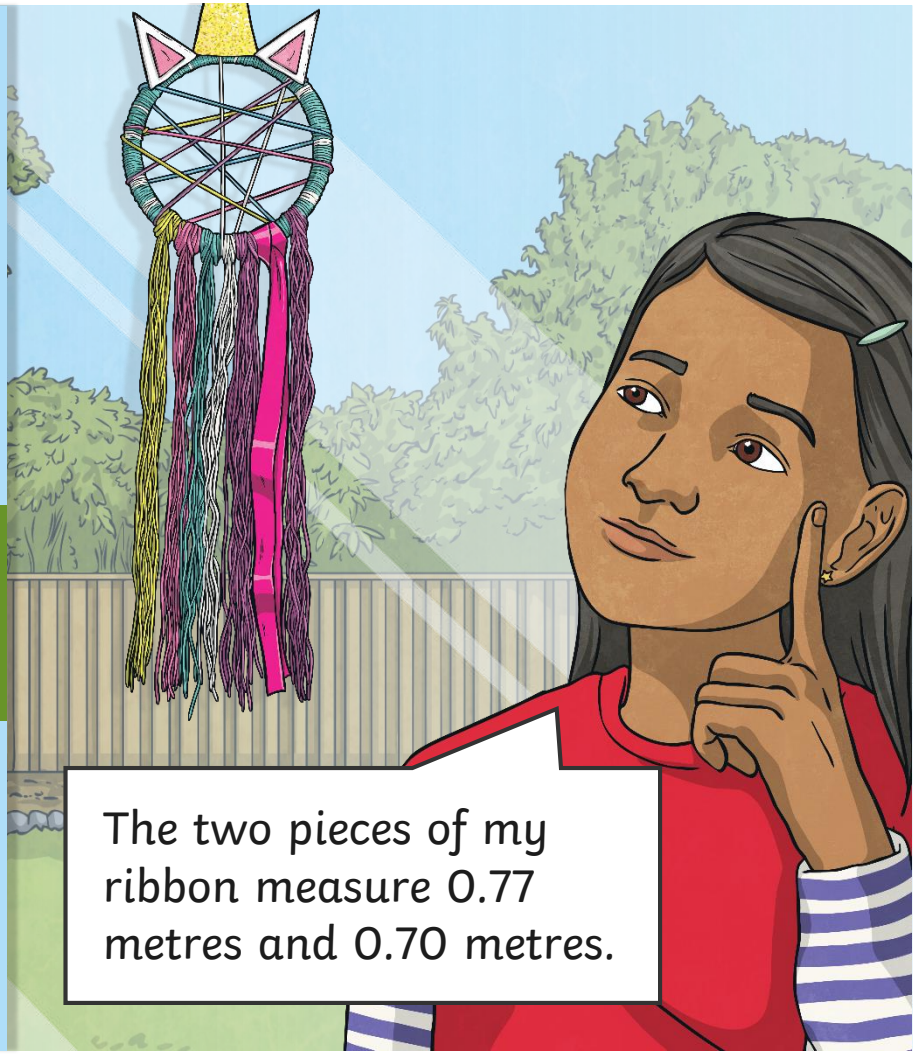


Adding Decimals – Crossing the Whole

Alma has a piece of ribbon which measures 1.47m long. She cuts it into 2 different length pieces.

Is Alma correct?
Explain your reasoning.

Tip: add her two decimals to check.

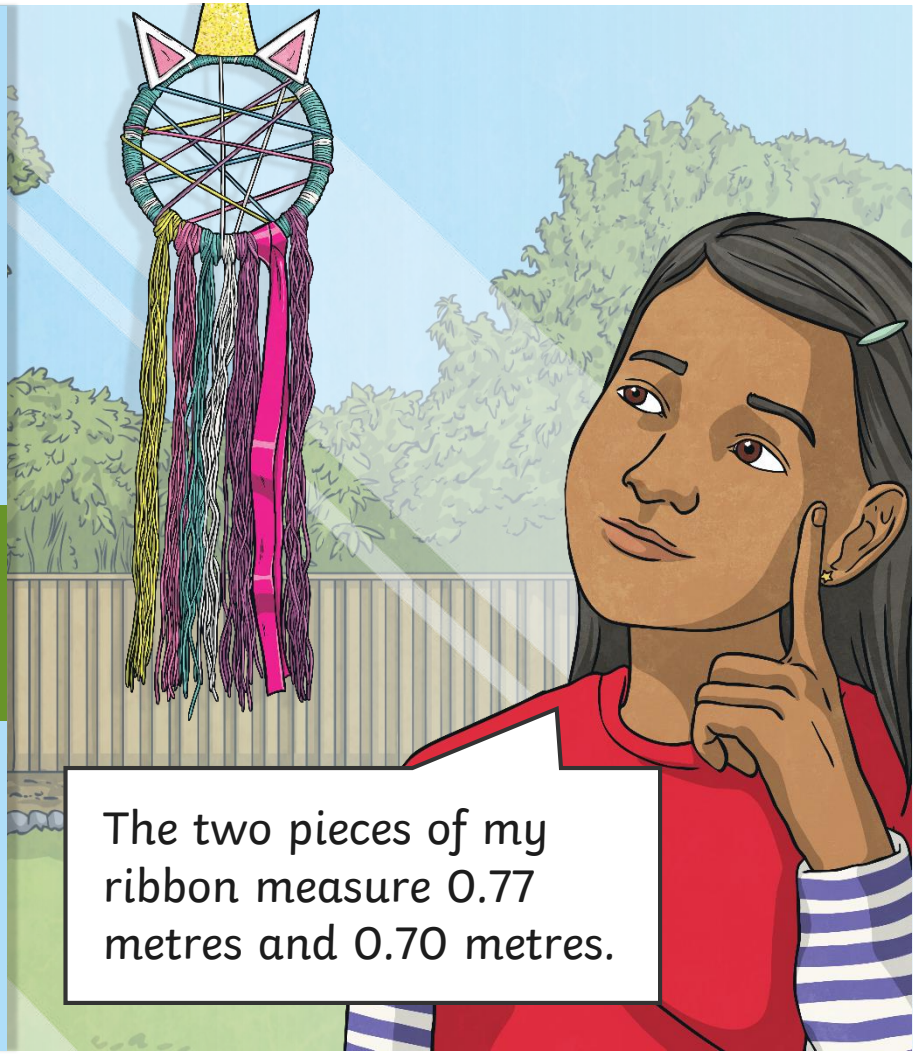


Adding Decimals – Crossing the Whole

Alma has a piece of ribbon which measures 1.47m long. She cuts it into 2 different length pieces.

Is Alma correct?
Explain your reasoning.

Yes. Alma is correct because the two different lengths of ribbon 0.77 + 0.70 = 1.47 metres in total.

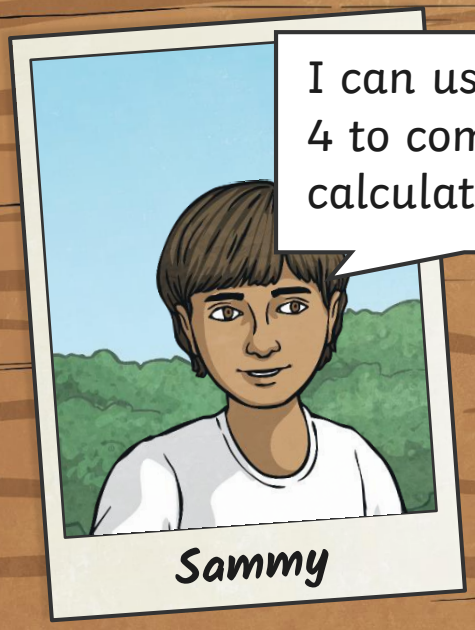


Adding Decimals – Crossing the Whole

Deeper

Sammy can use the digits 1-9 only once to make a sum with a total greater than 1.

9 1 3 4



I can use the digit 4 to complete this calculation.

	0	. 2	6	5
+	0	. 7		8
	1	. 0	0	3
		1	1	

Do you agree with Sammy? Explain why.

Adding Decimals – Crossing the Whole

Have a go at today's activities – Week 3 – Maths – Tuesday Activity.
Don't forget to use place value columns if you get confused.